

MAR 8 2000

**PHASE II  
GROUND WATER INVESTIGATION**

**SUBJECT SITE:  
Stewart's Ice Cream Shop #400  
60 West Street  
Rutland, VT**

**SMS Site # 97-2276**

**A FACILITY OWNED BY:**

**Mr. Chad Fowler  
Stewart's Ice Cream Co.  
P.O. Box 435  
Saratoga Springs, NY 12866**

**PREPARED BY:**

**Passaretti Geological & Environmental Consultants, Inc.  
P.O. Box 4515  
Saratoga Springs, New York 12866  
518-584-5122  
Contact: Mary L. Passaretti**

**September 1999  
Updated February, 2000**

**PASSARETTI GEOLOGICAL &  
ENVIRONMENTAL CONSULTANTS, INC  
P.O. 4515  
SARATOGA SPRINGS, NEW YORK 12866  
518-584-5122**

February 29, 2000

Mr. Chad Fowler  
Stewart's Ice Cream Co.  
P.O. Box 435  
Saratoga Springs, New York 12866

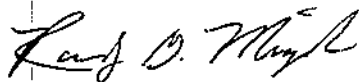
RE: Ground Water Investigation - Stewart's Ice Cream Shop #400  
Rutland, Vermont  
SMS Site # 97-2276

Dear Mr. Fowler:

Enclosed please find the results of a ground water investigation performed at the above referenced site. The spill file was initiated following an underground storage tank upgrade. This study was performed as a requirement of the state of Vermont DEC.

The scope of work of the enclosed investigation involved assessment of the severity of contamination via a ground water investigation. The ground water investigation was completed by the installation of four, two-inch diameter, ground water monitoring wells. Results and recommendations are enclosed within. If there are any questions regarding the enclosed, kindly call our office.

Sincerely,



Mr. Randy G. Miczek  
Geologist

Reviewed By



Mary L. Passaretti, MS  
Senior Hydrogeologist

cc: Ms. Linda Elliot  
Enc.

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## **INTRODUCTION**

In July 1997, Stewart's Ice Cream Company performed a facility upgrade. This upgrade was to include the removal of four underground storage tanks (USTs). However, while excavating in another area of the lot for the installation of the 12,000-gallon replacement tank, five additional tanks were encountered. The five tanks were located immediately north of the building. The four known USTs were located immediately west of the building. Due to the proximity of the tanks to the building structure, several tanks had to be closed in place. Both contaminated soil and ground water were encountered which could not be properly addressed due to the physical constraints of the site. Therefore the Vermont DEC requested that a ground water study be performed to determine the magnitude and lateral extent of contamination.

To complete this assessment, four, two-inch diameter monitoring wells were advanced on June 14, 1999. The scope of work of this investigation provides the following information:

- 1) soil-boring descriptions based on core tube observations;
- 2) monitoring well completion design reports;
- 3) ground water gradient and flow direction;
- 4) ground water analyses (abbreviated EPA Method 502.2 and MTBE);
- 5) monitoring well and ground water survey data; and,
- 6) recommendations.

### **Site Location and Description**

The site is located on the southeast corner of the intersection of West and Wales Streets, in Rutland Vermont. The surrounding land use is predominantly commercial. The northern boundary of the site is West Street. Across West Street is a parking lot used by NYNEX and the Longfellow School Building. Immediately bordering the site to the south is a two-story building occupied by the Black Cactus Restaurant and Lender Associates. The Homestead Baptist Church borders the site to the east. Wales Street comprises the western boundary, which is then followed by a large parking lot for the Arrow Bank of Vermont.

The general topography of the site and surrounding sites slopes to the west and towards the business district of downtown Rutland. The East Creek is located approximately 2,800 feet to the west. The confluence of the East and Otters Creek is located approximately 4,600 feet southwest of the site. Tenney Brook, a tributary to the East Creek, is located approximately 3,500 feet north-northwest of the subject site.

The site and surrounding sites utilize municipal water and sewer services. The drinking water for the area originates from a reservoir located in Rutlandtown. The subject property is heated by fuel oil, which is stored in a 275-gallon aboveground tank.

Therefore the only active UST on the property is the 12,000-gallon replacement tank that was installed in 1997.

## **GROUND WATER INVESTIGATION**

### **Ground Water Monitoring Well Installation**

Appendix A presents the monitoring well boring and completion design reports. The following discussion details the findings.

#### MW-1

Monitoring well MW-1 was installed north of the Stewart's Shop and east of the pump island. It was advanced in an area believed to be upgradient of the past and present petroleum features as a control point. The well was drilled to a total depth of 12 feet and completed with ten feet of screen. The sediment consists of very fine- to fine-grained sand with little gravel. With depth, there is an increasing amount of silt. At a depth of 12 feet, samples off the auger head consist of fine-grained sand and silt with a trace of clay. Ground water was encountered at approximately five below grade while drilling.

Soil samples were collected throughout the stratigraphic sequence and placed in airtight bags to allow the soil gases to equilibrate. Headspace PID readings were then recorded on each sample. The samples collected recorded 0 ppm with no odor at all depths.

#### MW-2

Monitoring well MW-2 was advanced west of the Stewart's Shop. It was drilled to a total depth of 13 feet and completed with ten feet of screen. The sediment through four feet below grade is fill that consists of sand, gravel and ash. From four feet to the total depth of the well, the sediment consists of very fine-grained sand and silt with a trace of clay. Ground water was encountered at approximately five feet below grade.

Soil samples collected at 4.5 feet below grade recorded 6 ppm, at nine feet 115 ppm, and at 11 feet 174 ppm. The petroleum odor noted was that of weathered gasoline.

#### MW-3

Monitoring well MW-3 was installed west of the Stewart's Shop and north of MW-2. It was drilled to a total depth of 12 feet and 11 inches. At that point, refusal was met. The well is completed with ten feet of screen. The well completion and the geology remain the same as MW-2. Ground water was encountered at approximately five feet below grade.

Soil samples collected at five feet below grade recorded 1.6 ppm and at seven feet 46 ppm. At 11 feet below grade, the soil sample recorded a PID value of 24 ppm. Ground water was encountered at approximately four to five feet below grade.

#### MW-4

Monitoring well MW-4 is located southwest of the underground storage tanks. The well was drilled to a total depth of 13 feet with 10 feet of screen. Geology for the first ten feet below grade is peastone. At 13 feet below grade, the sediment is fine-grained sand and silt with some clay. A slight odor was detected in the peastone and underlying sediment. The field readings recorded two ppm in the 13-foot sample.

### **Site Survey, Ground Water Flow Direction, and Ground Water Gradient Determination**

The subject property petroleum-related features and well elevations were surveyed on June 13, 1999. Using these data, the top of the PVC casing for each well has been determined. The casing elevations were determined relative to a benchmark. A Solinst water level indicator, accompanied with a tape ruler graduated to 0.01 feet, was used to measure the depth to water from the highest point of the PVC on several dates. A table summarizing the water level data (Top of Casing, Top of Screen, and Corrected Ground Water Elevation) is given as Table 1.

Utilizing the survey data and the ground water measurements taken on January 6, 2000, the ground water flow direction and gradient were calculated. The ground water flow was to the west at a gradient of 5.5% (Figure 3). This is consistent with the general topography of the area.

### **Site Geology and Hydrogeology**

Results of the soil core tube analyses for the wells are given in Appendix A. The native geology across the study area consists of very fine to fine-grained sand with some gravel underlain by finer grained sand, silt and clay. The shallow ground water at the site intersects the finer-grained unit.

### **Ground Water Sampling**

Ground water samples were obtained from MW-1 through -4 on June 15, 1999, and January 6, 2000. On October 5, 1999 ground water samples were obtain from only MW-2, MW-3, and MW-4. Monitoring well MW-1 was beneath a car so a sample was unattainable. The ground water monitoring wells were developed by removing three well volumes of ground water or by totally evacuating the well. Ground water in the wells was then allowed to fully recharge prior to being placed in laboratory supplied sampling vials. The samples were acidified, placed on ice, and submitted to Northeast Analytical Laboratories in Schenectady, NY under a chain-of-custody. The hydrochloric acid, added to each sample, inhibits biodegradation, while the ice prevents volatilization of the organic compounds. The samples were submitted for analyses by the abbreviated EPA Method 502.2 and for methyl tertiary butyl ether (MTBE).

## GROUND WATER ANALYTICAL RESULTS AND DISCUSSION

The results of the ground water analyses indicate that MW-2 and MW-3 are the most contaminated of the four wells. Total volatile organic compounds (VOCs) in MW-2 increased from 3,982 parts per billion (ppb) on June 15, 1999 to 9,956 ppb on October 5, 1999 and then slightly decreased to 9,272 ppb. Methyl tertiary butyl ether (MTBE) has decreased in this same time interval from 1,540 ppb on June 15, 1999 to 298 ppb on January 6, 2000. The total VOCs in MW-3 decreased from 9,188 ppb on June 15, 1999 to 4,705 ppb on October 5, 1999 and then increased to 7,513 ppb on January 6, 2000. MTBE has also followed the same trend with a decrease from 6,750 ppb on June 15, 1999 to 3,700 on October 5, 1999 and then an increase to 4,440 ppb on January 6, 2000. The total VOCs in MW-4 have decreased from 876 ppb on June 15, 1999 to <1 ppb on January 6, 2000 but MTBE has increased during this same interval from 408 ppb to 887 ppb. MW-1 has had low amounts of total VOCs and MTBE (<1 and 3 respectively on January 6, 2000) both times it was sampled.

The signature of the dissolved gasoline is contradictory. The elution of trimethylbenzene, n-butylbenzene and naphthalene would suggest a weathered gas, however the relatively high concentration of MTBE contradicts this.

Table 2 presents a summary of the analytical results, Figure 4 presents a graphic display and Appendix B contains the hard copy of the laboratory data.

## CONCLUSIONS AND RECOMMENDATIONS

Sensitive receptors in the area would include basements in buildings across Wales Street and utilities buried at a depth greater than four feet. The nearest downgradient building is a vacant building across Wales Street (formerly the Green Mountain Bank). It is unknown whether there is a basement. There are storm drains and sewer lines along Wales Street that are deep enough to be impacted.

Several rounds of ground water measurements have documented the flow as consistently westward. Therefore, the plume of contamination has not been defined in a horizontal or westerly direction. Passaretti Geological recommends that two wells be advanced west of the site between the documented contamination and the nearest downgradient building. If the contaminant levels in these wells are low, and if the contamination in the on-site monitoring wells remains the same or decreases, perhaps the site can be addressed by periodic monitoring only.

## FIGURES





PASSARETTI GEOLOGICAL & ENVIRONMENTAL CONSULTANTS, INC. 518-584-5122

SITE: Stewart's Shop #400  
60 West Street  
Rutland, VT

SCALE: 1" = 2000'

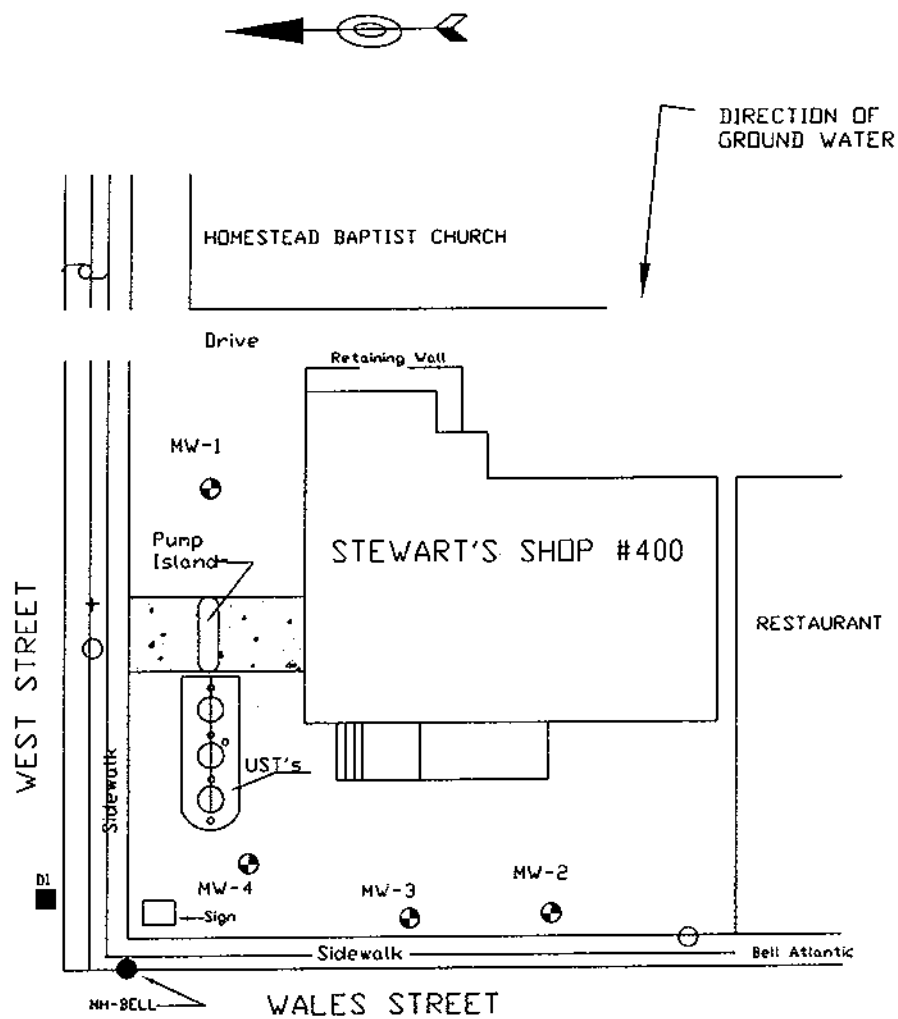


SITE LOCATION MAP

FIGURE: 1

DATE: 1-00

Source: U.S.G.S. Rutland, VT 7.5 min. Quad



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STEWART'S SHOP #400  
60 West Street  
Rutland, Vermont

SCALE:

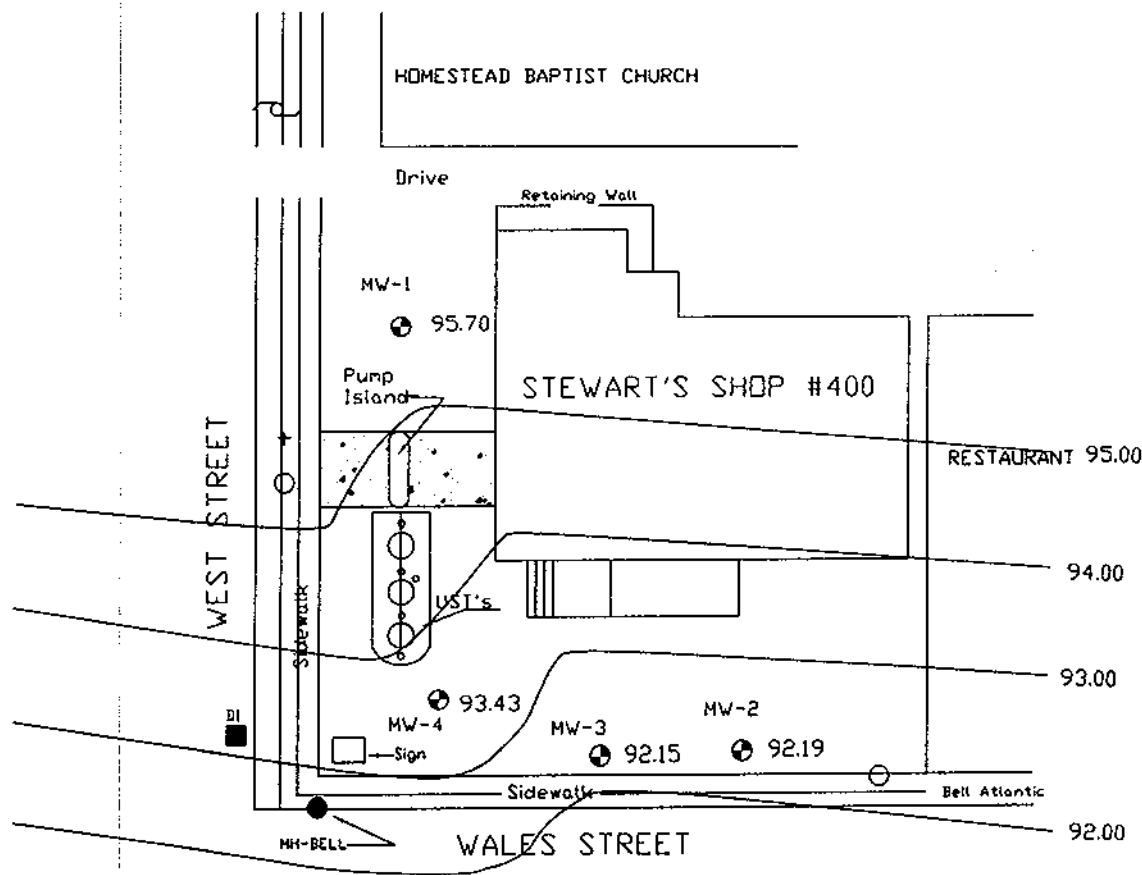
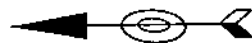


DATE: 1/6/00

Figure Number 2

- Utility Pole
- Water Valve
- Drop Inlet
- Manhole
- Sewer
- Monitoring Well

Site Map



PASSARETTI GEOLOGICAL & ENVIRONMENTAL CONSULTANTS, INC.

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STEWART'S SHOP #400  
60 West Street  
Rutland, Vermont

SCALE:



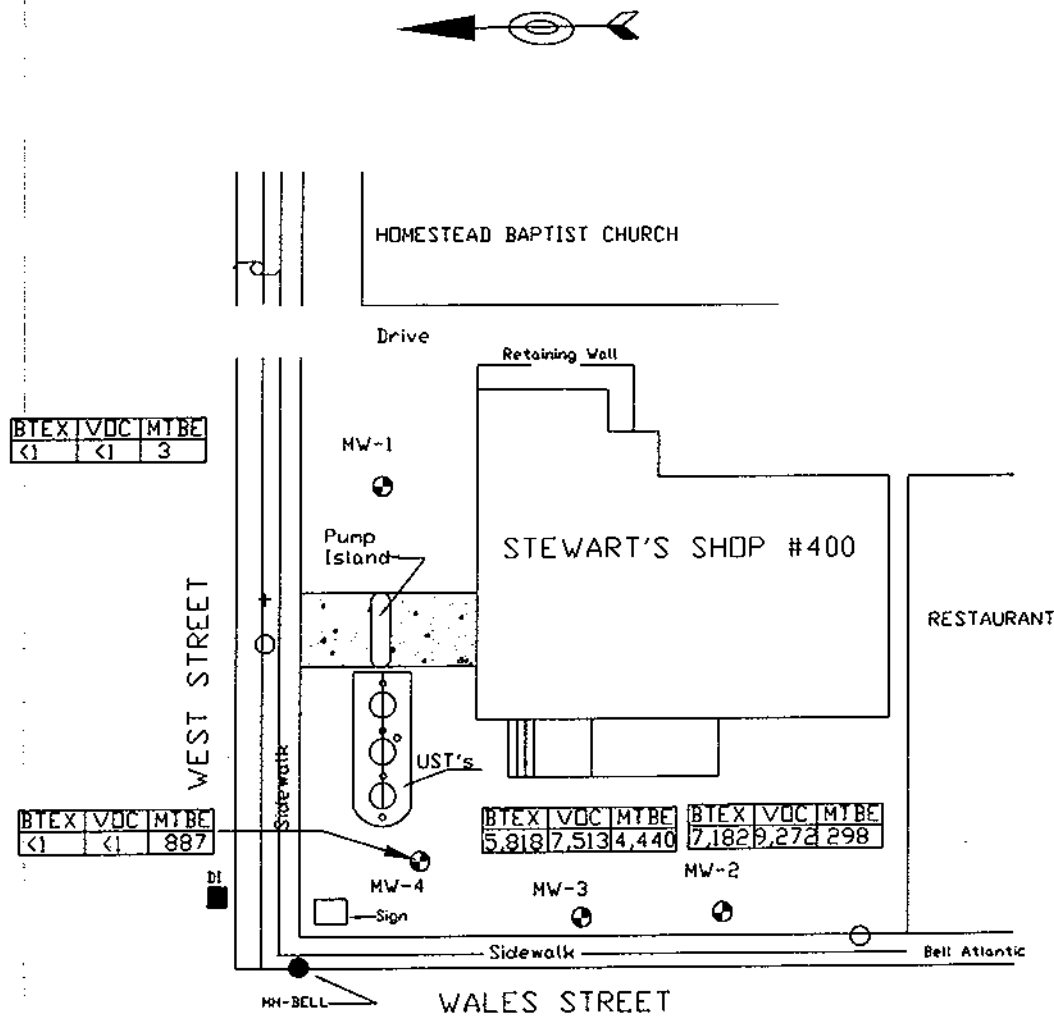
SCALE IN FEET

DATE: 1/6/00

- Utility Pole
- Water Valve
- Drop Inlet
- Manhole
- Sewer
- Monitoring Well

GROUND WATER  
CONTOUR MAP

Figure Number 3



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STEWART'S SHOP #400  
60 West Street  
Rutland, Vermont

SCALE:



Figure Number 4

DATE: 1/6/00

- Utility Pole
- Water Valve
- Drop Inlet
- Manhole
- Sewer
- Monitoring Well

Contaminant Distribution map  
in parts per billion

## TABLES

**TABLE 1**  
**SUMMARY OF GROUND WATER MEASUREMENTS**  
**STEWART'S SHOP #400**  
**FACILITY ID #327**  
**60 WEST STREET**  
**RUTLAND, VT**

WELL DESIGNATION:		MW-1	MW-2	MW-3	MW-4
TOP OF CASING		100.73	97.94	97.86	98.01
TOP OF SCREEN		98.73	94.94	94.86	95.01
BOTTOM OF WELL		89.23	84.94	85.36	85.56
MEASUREMENT		CORRECTED GROUND WATER ELEVATIONS			
DATE					
	6/15/99	95.07	92.95	93.14	93.51
	7/12/99	95.19	92.86	92.95	93.39
	10/5/99	NG	94.14	93.87	93.55
	1/6/00	95.70	92.19	92.15	93.43
Ground water elevations represented in feet					
NG = Not Gauged					

LABORATORY GROUND WATER ANALYTICAL RESULTS  
STEWART'S ICE CREAM COMPANY SHOP 400  
WEST ST.  
RUTLAND, VT

WELL ID/DATE	CONTAMINANT PARAMETER						
	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Total VOC	MTBE
<b>MW-1</b>							
6/15/99	<.07	<1	<1	<1	<1	10	<1
1/6/00	<0.7	<1	<1	<1	<1	<1	3
<b>MW-2</b>							
6/15/99	<140	804	256	2511	3571	3982	1540
10/5/99	82	1780	581	5400	7843	9956	314
1/6/00	67	1260	545	5310	7182	9272	298
<b>MW-3</b>							
6/15/99	543	600	1030	5030	7203	9188	6750
10/5/99	295	108	646	2574	3623	4705	3700
1/6/00	309	185	769	4555	5818	7513	4440
<b>MW-4</b>							
6/15/99	75	93	76	327	571	876	408
10/5/99	8	<1	2	<1	10	12	481
1/6/00	<1	<1	<1	<1	<1	<1	887

MTBE: Methyl Tertiary Butyl Ether  
NA: Data Not Available  
Total VOC: Total Volatile Organic Compounds by EPA Method 502.2, excludes MTBE

APPENDIX A:  
MONITORING WELL BORING  
AND COMPLETION DESIGN REPORTS



# PASSARETTI GEOLOGICAL

P.O. Box 4515  
Saratoga, NY 12866  
(518) 584-5122

Page 1 of 4

## DRILLING LOG

Well/ Boring No. MW-1

Site Plan

See Site Map

Client: Stewart's Ice Cream Co. Address: P.O. Box 435, Saratoga Springs, NY

Phone No.: 518-581-1201 Location: West St. Rutland, VT

Date Drilled: 6-13-99 Logged by: Mary Passaretti

Drilling Contractor: Aztech Driller: T. Zabel

Drilling Method: Auger

Total Depth of Hole: 12 feet Diameter: 2-inch

Screen: Dia.: 2-inch Length: 10 feet Slot Size: 0.010

Casing: Dia.: 2-inch Length: 1.5 feet Type: PVC

Sand Pack: yes Bentonite Seal: yes Protective Casing: yes

Depth (ft.)	Well Construction	Notes (blows, etc.)	PID (ppm)	Description/ Soil Classification
0		Curb Box		
		Concrete		
1		Bentonite Seal		
2		PVC Riser	0	2' : Brown, very fine to fine-grained SAND, little gravel, moist, no odor (probably fill).
3				
4		Sand pack	0	4' : Brown, very fine to fine-grained SAND, little gravel, trace of silt, becoming wet, no odor.
5				
6				
7				
8		PVC Screen		
9			0	9' : Brown, very fine-grained SAND and SILT, trace of gravel, wet, no odor.
10				
11				
12			0	12' : Brown, very fine-grained SAND and SILT, little clay and few 2" diameter cobbles, wet, no odor.
				Total Depth: 12'

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Page 2 of 4

## DRILLING LOG

Well/ Boring No. MW-2

Site Plan

See Site Map

Client: Stewart's Ice Cream Co. Address: P.O. Box 435, Saratoga Springs, NY

Phone No.: 518-581-1201 Location: West St. Rutland, VT

Date Drilled: 6-13-99 Logged by: Mary Passaretti

Drilling Contractor: Aztech Driller: T. Zabel

Drilling Method: Auger

Total Depth of Hole: 13 feet Diameter: 2-inch

Screen: Dia.: 2-inch Length: 10 feet Slot Size: 0.010

Casing: Dia.: 2-inch Length: 3 feet Type: PVC

Sand Pack: yes Bentonite Seal: yes Protective Casing: yes

Depth (ft.)	Well Construction	Notes (blows, etc.)	PID (ppm)	Description/ Soil Classification
0		Curb Box		
		Concrete		
		Bentonite Seal		
1		PVC Riser		
2			0	2' : FILL - composed of SAND, GRAVEL and ASH, dry with musty odor.
3				
4		Sand pack	6	4.5' : Brown to black, very fine to fine-grained SAND and SILT with trace clay, moist becoming wet with old petroleum odor.
5				
6				
7		PVC Screen		
8				
9			115	9' : Dark brown, very fine-grained SAND and SILT, trace of gravel and clay, wet with stronger gasoline odor.
10				
11			174	11' : Greenish brown, very fine-grained SAND and SILT with Clay, wet with strong gasoline odor.
12				
13			34	13' : Greenish brown, very fine-grained SAND and SILT with Clay, wet with less gasoline odor.
				Total Depth: 13'

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P.O. Box 4515  
Saratoga, NY 12866  
(518) 584-5122

Page 3 of 4

## DRILLING LOG

Well/ Boring No. MW-3

Site Plan

See Site Map

Client: Stewart's Ice Cream Co. Address: P.O. Box 435, Saratoga Springs, NY

Phone No.: 518-581-1201 Location: West St. Rutland, VT

Date Drilled: 6-13-99 Logged by: Mary Passaretti

Drilling Contractor: Aztech Driller: T. Zabel

Drilling Method: Auger

Total Depth of Hole: 12.9 feet Diameter: 2-inch

Screen: Dia.: 2-inch Length: 10 feet Slot Size: 0.010

Casing: Dia.: 2-inch Length: 2.9 feet Type: PVC

Sand Pack: yes Bentonite Seal: yes Protective Casing: yes

Depth (ft.)	Well Construction	Notes (blows, etc.)	PID (ppm)	Description/ Soil Classification
0		Curb Box		
1		Concrete Bentonite Seal		
2		PVC Riser		
3			0	2' : FILL - SAND, GRAVEL and BRICKS.
4		Sand pack		
5			1.6	5' : Brown very fine to fine-grained SAND and SILT with traces of gravel and clay, moist to wet with some gasoline odor.
6				
7			46	7' : Black to brown, very fine-grained SAND and SILT, trace of gravel and clay, wet with stronger gasoline odor.
8		PVC Screen		
9				
10				
11			24	11' : Greenish brown, very fine-grained SAND and SILT with Clay, wet with strong gasoline odor.
12				
13				
				Total Depth: 12.9'

# PASSARETTI GEOLOGICAL

P.O. Box 4515  
Saratoga, NY 12866  
(518) 584-5122

Page 4 of 4

## DRILLING LOG

Well/ Boring No. MW-4

Client: Stewart's Ice Cream Co. Address: P.O. Box 435, Saratoga Springs, NY

Phone No.: 518-581-1201 Location: West St. Rutland, VT

Date Drilled: 6-13-99 Logged by: Mary Passaretti

Drilling Contractor: Aztech Driller: T. Zabel

Drilling Method: Auger

Total Depth of Hole: 13 feet Diameter: 2-inch

Screen: Dia.: 2-inch Length: 10 feet Slot Size: 0.010

Casing: Dia.: 2-inch Length: 3 feet Type: PVC

Sand Pack: yes Bentonite Seal: yes Protective Casing: yes

Site Plan

See Site Map

Depth (ft.)	Well Construction	Notes (blows, etc.)	PID (ppm)	Description/ Soil Classification
0		Curb Box		
1		Concrete Bentonite Seal		
2		PVC Riser		
3				
4		Sand pack		
5		▼	0	0'-10' : Peastone
6				
7				
8		PVC Screen		
9				
10			0	
11				
12				
13			2	13' : Greenish brown, very fine-grained SAND and SILT with Clay.
				Total Depth: 13'

APPENDIX B  
LABORATORY ANALYSIS

# NORTHEAST ANALYTICAL

## ENVIRONMENTAL LAB SERVICES

2190 Technology Drive, Schenectady, NY 12308

(518) 346-4592 • FAX: (518) 381-6055

### CERTIFICATE OF ANALYSIS

1/12/00

STEWART'S

PO BOX 435

SARATOGA SPRINGS, NY 12866

CONTACT: CHAD FOWLER

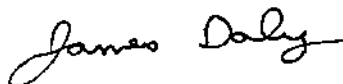
CUSTOMER ID: MW-1 NEA ID: AD00129  
MATRIX: WATER DATE SAMPLED: 1/6/00 TIME: N/A  
DATE RECEIVED: 1/7/00 TIME: 13:00 PROJECT: N/A  
SAMPLED BY: K. HEDGE LOCATION: WEST ST., SHOP #198  
CUSTOMER PO: N/A LAB ELAP #: 11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE COMPLETED	FLAGS
Methodology: EPA Method 502.2					
1,2,3-Trichlorobenzene	ND	1.00	µg/L	1/11/00	
1,2,4-Trichlorobenzene	ND	1.00	µg/L	1/11/00	
1,2,4-Trimethylbenzene	ND	1.00	µg/L	1/11/00	
1,2-Dichlorobenzene	ND	1.00	µg/L	1/11/00	
1,3,5-Trimethylbenzene	ND	1.00	µg/L	1/11/00	
1,3-Dichlorobenzene	ND	1.00	µg/L	1/11/00	
1,4-Dichlorobenzene	ND	1.00	µg/L	1/11/00	
2-Chlorotoluene	ND	1.00	µg/L	1/11/00	
4-Chlorotoluene	ND	1.00	µg/L	1/11/00	
4-Isopropyltoluene	ND	1.00	µg/L	1/11/00	
Benzene	ND	0.700	µg/L	1/11/00	
Bromobenzene	ND	1.00	µg/L	1/11/00	
Chlorobenzene	ND	1.00	µg/L	1/11/00	
Ethylbenzene	ND	1.00	µg/L	1/11/00	
Hexachlorobutadiene	ND	1.00	µg/L	1/11/00	
Isopropylbenzene	ND	1.00	µg/L	1/11/00	
M&P Xylene	ND	1.00	µg/L	1/11/00	
MTBE	2.50	1.00	µg/L	1/11/00	
N-Butylbenzene	ND	1.00	µg/L	1/11/00	
N-Propylbenzene	ND	1.00	µg/L	1/11/00	
Naphthalene	ND	1.00	µg/L	1/11/00	
O Xylene	ND	1.00	µg/L	1/11/00	
Sec-Butylbenzene	ND	1.00	µg/L	1/11/00	
Styrene	ND	1.00	µg/L	1/11/00	
tert-Butylbenzene	ND	1.00	µg/L	1/11/00	
Tetrachloroethene	ND	1.00	µg/L	1/11/00	
Toluene	ND	1.00	µg/L	1/11/00	
Trichloroethene	ND	1.00	µg/L	1/11/00	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL

PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:



Northeast Analytical, Inc.

Robert E. Wagner, Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

# NORTHEAST ANALYTICAL

## ENVIRONMENTAL LAB SERVICES

2190 Technology Drive, Schenectady, NY 12308

(518) 346-4592 • FAX: (518) 381-6055

### CERTIFICATE OF ANALYSIS

1/12/00

STEWART'S

PO BOX 435

SARATOGA SPRINGS, NY 12866

CONTACT: CHAD FOWLER

CUSTOMER ID: MW-2 NEA ID: AD00130  
MATRIX: WATER DATE SAMPLED: 1/6/00 TIME: N/A  
DATE RECEIVED: 1/7/00 TIME: 13:00 PROJECT: N/A  
SAMPLED BY: K. HEDGE LOCATION: WEST ST., SHOP #198  
CUSTOMER PO: N/A LAB ELAP #: 11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE COMPLETED	FLAGS
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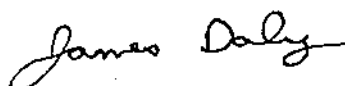
#### Methodology: EPA Method 502.2

1,2,3-Trichlorobenzene	ND	50.0	µg/L	1/11/00	
1,2,4-Trichlorobenzene	ND	50.0	µg/L	1/11/00	
1,2,4-Trimethylbenzene	1350	50.0	µg/L	1/11/00	
1,2-Dichlorobenzene	ND	50.0	µg/L	1/11/00	
1,3,5-Trimethylbenzene	316	50.0	µg/L	1/11/00	
1,3-Dichlorobenzene	ND	50.0	µg/L	1/11/00	
1,4-Dichlorobenzene	ND	50.0	µg/L	1/11/00	
2-Chlorotoluene	ND	50.0	µg/L	1/11/00	
4-Chlorotoluene	ND	50.0	µg/L	1/11/00	
4-Isopropyltoluene	ND	50.0	µg/L	1/11/00	
Benzene	67.3	35.0	µg/L	1/11/00	
Bromobenzene	ND	50.0	µg/L	1/11/00	
Chlorobenzene	ND	50.0	µg/L	1/11/00	
Ethylbenzene	545	50.0	µg/L	1/11/00	
Hexachlorobutadiene	ND	50.0	µg/L	1/11/00	
Isopropylbenzene	ND	50.0	µg/L	1/11/00	
M&P Xylene	3520	50.0	µg/L	1/11/00	
MTBE	298	50.0	µg/L	1/11/00	
N-Butylbenzene	73.1	50.0	µg/L	1/11/00	
N-Propylbenzene	ND	50.0	µg/L	1/11/00	
Naphthalene	351	50.0	µg/L	1/11/00	
O Xylene	1790	50.0	µg/L	1/11/00	
Sec-Butylbenzene	ND	50.0	µg/L	1/11/00	
Styrene	ND	50.0	µg/L	1/11/00	
tert-Butylbenzene	ND	50.0	µg/L	1/11/00	
Tetrachloroethene	ND	50.0	µg/L	1/11/00	
Toluene	1260	50.0	µg/L	1/11/00	
Trichloroethene	ND	50.0	µg/L	1/11/00	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL

PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:



Northeast Analytical, Inc.

Robert E. Wagner, Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

# NORTHEAST ANALYTICAL

## ENVIRONMENTAL LAB SERVICES

2190 Technology Drive, Schenectady, NY 12308

(518) 346-4592 • FAX: (518) 381-6055

### CERTIFICATE OF ANALYSIS

1/12/00

STEWART'S

PO BOX 435

SARATOGA SPRINGS, NY 12866

CONTACT: CHAD FOWLER

CUSTOMER ID: MW-3 NEA ID: AD00131  
MATRIX: WATER DATE SAMPLED: 1/6/00 TIME: N/A  
DATE RECEIVED: 1/7/00 TIME: 13:00 PROJECT: N/A  
SAMPLED BY: K. HEDGE LOCATION: WEST ST., SHOP #198  
CUSTOMER PO: N/A LAB ELAP #: 11078 DATE

PARAMETER PERFORMED	RESULTS	PQL	UNITS	COMPLETED	FLAGS
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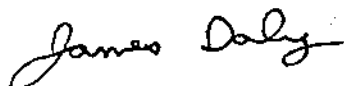
#### Methodology: EPA Method 502.2

1,2,3-Trichlorobenzene	ND	100	µg/L	1/11/00	
1,2,4-Trichlorobenzene	ND	100	µg/L	1/11/00	
1,2,4-Trimethylbenzene	1190	100	µg/L	1/11/00	
1,2-Dichlorobenzene	ND	100	µg/L	1/11/00	
1,3,5-Trimethylbenzene	197	100	µg/L	1/11/00	
1,3-Dichlorobenzene	ND	100	µg/L	1/11/00	
1,4-Dichlorobenzene	ND	100	µg/L	1/11/00	
2-Chlorotoluene	ND	100	µg/L	1/11/00	
4-Chlorotoluene	ND	100	µg/L	1/11/00	
4-Isopropyltoluene	ND	100	µg/L	1/11/00	
Benzene	309	70.0	µg/L	1/11/00	
Bromobenzene	ND	100	µg/L	1/11/00	
Chlorobenzene	ND	100	µg/L	1/11/00	
Ethylbenzene	769	100	µg/L	1/11/00	
Hexachlorobutadiene	ND	100	µg/L	1/11/00	
Isopropylbenzene	ND	100	µg/L	1/11/00	
M&P Xylene	4080	100	µg/L	1/11/00	
MTBE	4440	100	µg/L	1/11/00	
N-Butylbenzene	ND	100	µg/L	1/11/00	
N-Propylbenzene	108	100	µg/L	1/11/00	
Naphthalene	200	100	µg/L	1/11/00	
O Xylene	475	100	µg/L	1/11/00	
Sec-Butylbenzene	ND	100	µg/L	1/11/00	
Styrene	ND	100	µg/L	1/11/00	
tert-Butylbenzene	ND	100	µg/L	1/11/00	
Tetrachloroethene	ND	100	µg/L	1/11/00	
Toluene	185	100	µg/L	1/11/00	
Trichloroethene	ND	100	µg/L	1/11/00	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL

PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:



Northeast Analytical, Inc.

Robert E. Wagner, Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB



# NORTHEAST ANALYTICAL

## ENVIRONMENTAL LAB SERVICES

2190 Technology Drive, Schenectady, NY 12308

(518) 346-4592 • FAX: (518) 381-6055

### CERTIFICATE OF ANALYSIS

1/12/00

STEWART'S

PO BOX 435

SARATOGA SPRINGS, NY 12866

CONTACT: CHAD FOWLER

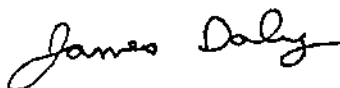
CUSTOMER ID: MW-4 NEA ID: AD00132  
MATRIX: WATER DATE SAMPLED: 1/6/00 TIME: N/A  
DATE RECEIVED: 1/7/00 TIME: 13:00 PROJECT: N/A  
SAMPLED BY: K. HEDGE LOCATION: WEST ST., SHOP #198  
CUSTOMER PO: N/A LAB ELAP #: 11078 DATE

PARAMETER PERFORMED	RESULTS	PQL	UNITS	COMPLETED	FLAGS
<b>Methodology: EPA Method 502.2</b>					
1,2,3-Trichlorobenzene	ND	20.0	µg/L	1/11/00	
1,2,4-Trichlorobenzene	ND	20.0	µg/L	1/11/00	
1,2,4-Trimethylbenzene	ND	20.0	µg/L	1/11/00	
1,2-Dichlorobenzene	ND	20.0	µg/L	1/11/00	
1,3,5-Trimethylbenzene	ND	20.0	µg/L	1/11/00	
1,3-Dichlorobenzene	ND	20.0	µg/L	1/11/00	
1,4-Dichlorobenzene	ND	20.0	µg/L	1/11/00	
2-Chlorotoluene	ND	20.0	µg/L	1/11/00	
4-Chlorotoluene	ND	20.0	µg/L	1/11/00	
4-Isopropyltoluene	ND	20.0	µg/L	1/11/00	
Benzene	ND	14.0	µg/L	1/11/00	
Bromobenzene	ND	20.0	µg/L	1/11/00	
Chlorobenzene	ND	20.0	µg/L	1/11/00	
Ethylbenzene	ND	20.0	µg/L	1/11/00	
Hexachlorobutadiene	ND	20.0	µg/L	1/11/00	
Isopropylbenzene	ND	20.0	µg/L	1/11/00	
M&P Xylene	ND	20.0	µg/L	1/11/00	
MTBE	887	20.0	µg/L	1/11/00	
N-Butylbenzene	ND	20.0	µg/L	1/11/00	
N-Propylbenzene	ND	20.0	µg/L	1/11/00	
Naphthalene	ND	20.0	µg/L	1/11/00	
O Xylene	ND	20.0	µg/L	1/11/00	
Sec-Butylbenzene	ND	20.0	µg/L	1/11/00	
Styrene	ND	20.0	µg/L	1/11/00	
tert-Butylbenzene	ND	20.0	µg/L	1/11/00	
Tetrachloroethene	ND	20.0	µg/L	1/11/00	
Toluene	ND	20.0	µg/L	1/11/00	
Trichloroethene	ND	20.0	µg/L	1/11/00	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL

PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:



Northeast Analytical, Inc.

Robert E. Wagner, Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

2190 Technology Drive, Schenectady, NY 12308  
Telephone (518)346-4592 Fax (518) 381-6055

Jan Q

LRFH00010020

**WHITE COPY TO LABORATORY**

**YELLOW COPY TO GENERATOR**

**PINK COPY TO SAMPLER**

# NORTHEAST ANALYTICAL

## ENVIRONMENTAL LAB SERVICES

2190 Technology Drive, Schenectady, NY 12308

(518) 346-4592 • FAX: (518) 381-6055

### CERTIFICATE OF ANALYSIS

10/14/99

STEWART'S

PO BOX 435

SARATOGA SPRINGS, NY 12866

CONTACT: CHAD FOWLER

CUSTOMER ID: MW-2 NEA ID: AC06977  
MATRIX: WATER DATE SAMPLED: 10/5/99 TIME: N/A  
DATE RECEIVED: 10/6/99 TIME: 8:45 PROJECT: N/A  
SAMPLED BY: K. HEDGE LOCATION: WEST ST., SHOP #198  
CUSTOMER PO: N/A LAB ELAP #: 11078 DATE

PARAMETER PERFORMED	RESULTS	PQL	UNITS	COMPLETED	FLAGS
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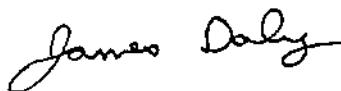
#### Methodology: EPA Method 502.2

1,2,3-Trichlorobenzene	ND	50.0	µg/L	10/13/99	
1,2,4-Trichlorobenzene	ND	50.0	µg/L	10/13/99	
1,2,4-Trimethylbenzene	1320	50.0	µg/L	10/13/99	
1,2-Dichlorobenzene	ND	50.0	µg/L	10/13/99	
1,3,5-Trimethylbenzene	334	50.0	µg/L	10/13/99	
1,3-Dichlorobenzene	ND	50.0	µg/L	10/13/99	
1,4-Dichlorobenzene	ND	50.0	µg/L	10/13/99	
2-Chlorotoluene	ND	50.0	µg/L	10/13/99	
4-Chlorotoluene	ND	50.0	µg/L	10/13/99	
4-Isopropyltoluene	ND	50.0	µg/L	10/13/99	
Benzene	82.4	35.0	µg/L	10/13/99	
Bromobenzene	ND	50.0	µg/L	10/13/99	
Chlorobenzene	ND	50.0	µg/L	10/13/99	
Ethylbenzene	581	50.0	µg/L	10/13/99	
Hexachlorobutadiene	ND	50.0	µg/L	10/13/99	
Isopropylbenzene	ND	50.0	µg/L	10/13/99	
M&P Xylene	3540	50.0	µg/L	10/13/99	
MTBE	314	50.0	µg/L	10/13/99	
N-Butylbenzene	93.6	50.0	µg/L	10/13/99	
N-Propylbenzene	ND	50.0	µg/L	10/13/99	
Naphthalene	365	50.0	µg/L	10/13/99	
O Xylene	1860	50.0	µg/L	10/13/99	
Sec-Butylbenzene	ND	50.0	µg/L	10/13/99	
Styrene	ND	50.0	µg/L	10/13/99	
tert-Butylbenzene	ND	50.0	µg/L	10/13/99	
Tetrachloroethene	ND	50.0	µg/L	10/13/99	
Toluene	1780	50.0	µg/L	10/13/99	
Trichloroethene	ND	50.0	µg/L	10/13/99	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL

PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:



Northeast Analytical, Inc.

Robert E. Wagner, Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

# NORTHEAST ANALYTICAL

## ENVIRONMENTAL LAB SERVICES

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### CERTIFICATE OF ANALYSIS

10/14/99

STEWART'S

PO BOX 435

SARATOGA SPRINGS, NY 12866

CONTACT: CHAD FOWLER

CUSTOMER ID: MW-3 NEA ID: AC06978  
MATRIX: WATER DATE SAMPLED: 10/5/99 TIME: N/A  
DATE RECEIVED: 10/6/99 TIME: 8:45 PROJECT: N/A  
SAMPLED BY: K. HEDGE LOCATION: WEST ST., SHOP #198  
CUSTOMER PO: N/A LAB ELAP #: 11078 DATE

PARAMETER PERFORMED	RESULTS	PQL	UNITS	COMPLETED	FLAGS
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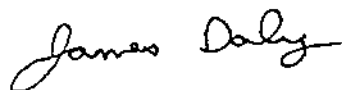
#### Methodology: EPA Method 502.2

1,2,3-Trichlorobenzene	ND	10.0	µg/L	10/14/99	
1,2,4-Trichlorobenzene	ND	10.0	µg/L	10/14/99	
1,2,4-Trimethylbenzene	577	200	µg/L	10/14/99	
1,2-Dichlorobenzene	ND	10.0	µg/L	10/14/99	
1,3,5-Trimethylbenzene	159	10.0	µg/L	10/14/99	
1,3-Dichlorobenzene	ND	10.0	µg/L	10/14/99	
1,4-Dichlorobenzene	ND	10.0	µg/L	10/14/99	
2-Chlorotoluene	ND	10.0	µg/L	10/14/99	
4-Chlorotoluene	ND	10.0	µg/L	10/14/99	
4-Isopropyltoluene	ND	10.0	µg/L	10/14/99	
Benzene	295	7.00	µg/L	10/14/99	
Bromobenzene	ND	10.0	µg/L	10/14/99	
Chlorobenzene	ND	10.0	µg/L	10/14/99	
Ethylbenzene	646	10.0	µg/L	10/14/99	
Hexachlorobutadiene	ND	10.0	µg/L	10/14/99	
Isopropylbenzene	28.7	10.0	µg/L	10/14/99	
M&P Xylene	2140	200	µg/L	10/14/99	
MTBE	3700	200	µg/L	10/14/99	
N-Butylbenzene	33.7	10.0	µg/L	10/14/99	
N-Propylbenzene	82.6	10.0	µg/L	10/14/99	
Naphthalene	184	10.0	µg/L	10/14/99	
O Xylene	434	10.0	µg/L	10/14/99	
Sec-Butylbenzene	17.2	10.0	µg/L	10/14/99	
Styrene	ND	10.0	µg/L	10/14/99	
tert-Butylbenzene	ND	10.0	µg/L	10/14/99	
Tetrachloroethene	ND	10.0	µg/L	10/14/99	
Toluene	108	10.0	µg/L	10/14/99	
Trichloroethene	ND	10.0	µg/L	10/14/99	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL

PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:



Northeast Analytical, Inc.

Robert E. Wagner, Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

# NORTHEAST ANALYTICAL

## ENVIRONMENTAL LAB SERVICES

2190 Technology Drive, Schenectady, NY 12308

(518) 346-4592 • FAX: (518) 381-6055

### CERTIFICATE OF ANALYSIS

10/14/99

STEWART'S

PO BOX 435

SARATOGA SPRINGS, NY 12866

CONTACT: CHAD FOWLER

CUSTOMER ID: MW-4 NEA ID: AC06979  
MATRIX: WATER DATE SAMPLED: 10/5/99 TIME: N/A  
DATE RECEIVED: 10/6/99 TIME: 8:45 PROJECT: N/A  
SAMPLED BY: K. HEDGE LOCATION: WEST ST., SHOP #198  
CUSTOMER PO: N/A LAB ELAP #: 11078 DATE

PARAMETER PERFORMED	RESULTS	PQL	UNITS	COMPLETED	FLAGS
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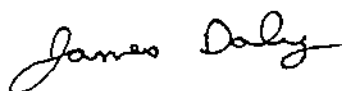
#### Methodology: EPA Method 502.2

1,2,3-Trichlorobenzene	ND	1.00	µg/L	10/14/99	
1,2,4-Trichlorobenzene	ND	1.00	µg/L	10/14/99	
1,2,4-Trimethylbenzene	ND	1.00	µg/L	10/14/99	
1,2-Dichlorobenzene	ND	1.00	µg/L	10/14/99	
1,3,5-Trimethylbenzene	ND	1.00	µg/L	10/14/99	
1,3-Dichlorobenzene	ND	1.00	µg/L	10/14/99	
1,4-Dichlorobenzene	ND	1.00	µg/L	10/14/99	
2-Chlorotoluene	ND	1.00	µg/L	10/14/99	
4-Chlorotoluene	ND	1.00	µg/L	10/14/99	
4-Isopropyltoluene	ND	1.00	µg/L	10/14/99	
Benzene	8.11	0.700	µg/L	10/14/99	
Bromobenzene	ND	1.00	µg/L	10/14/99	
Chlorobenzene	ND	1.00	µg/L	10/14/99	
Ethylbenzene	2.08	1.00	µg/L	10/14/99	
Hexachlorobutadiene	ND	1.00	µg/L	10/14/99	
Isopropylbenzene	ND	1.00	µg/L	10/14/99	
M&P Xylene	ND	1.00	µg/L	10/14/99	
MTBE	481	100	µg/L	10/14/99	
N-Butylbenzene	ND	1.00	µg/L	10/14/99	
N-Propylbenzene	1.63	1.00	µg/L	10/14/99	
Naphthalene	ND	1.00	µg/L	10/14/99	
O Xylene	ND	1.00	µg/L	10/14/99	
Sec-Butylbenzene	ND	1.00	µg/L	10/14/99	
Styrene	ND	1.00	µg/L	10/14/99	
tert-Butylbenzene	ND	1.00	µg/L	10/14/99	
Tetrachloroethene	ND	1.00	µg/L	10/14/99	
Toluene	ND	1.00	µg/L	10/14/99	
Trichloroethene	ND	1.00	µg/L	10/14/99	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL

PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:



Northeast Analytical, Inc.

Robert E. Wagner, Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

LRA 99100028

**PINK COPY TO SAMPLER**

# NORTHEAST ANALYTICAL

## ENVIRONMENTAL LAB SERVICES

2190 Technology Drive, Schenectady, NY 12308

(518) 346-4592 • FAX: (518) 381-6055

### CERTIFICATE OF ANALYSIS

6/24/99

STEWART'S

PO BOX 435

SARATOGA SPRINGS, NY 12866

CONTACT: CHAD FOWLER

CUSTOMER ID: MW-1 NEA ID: AC03486  
MATRIX: WATER DATE SAMPLED: 6/15/99 TIME: 13:30  
DATE RECEIVED: 6/16/99 TIME: 14:30 PROJECT: N/A  
SAMPLED BY: T. ZABEL LOCATION: RUTLAND, SHOP #400  
CUSTOMER PO: N/A LAB ELAP #: 11078 DATE

PARAMETER PERFORMED	RESULTS	PQL	UNITS	COMPLETED	FLAGS
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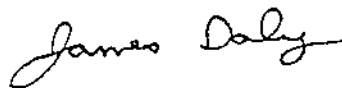
#### Methodology: EPA Method 502.2

1,2,3-Trichlorobenzene	ND	1.00	µg/L	6/22/99	
1,2,4-Trichlorobenzene	ND	1.00	µg/L	6/22/99	
1,2,4-Trimethylbenzene	ND	1.00	µg/L	6/22/99	
1,2-Dichlorobenzene	ND	1.00	µg/L	6/22/99	
1,3,5-Trimethylbenzene	ND	1.00	µg/L	6/22/99	
1,3-Dichlorobenzene	ND	1.00	µg/L	6/22/99	
1,4-Dichlorobenzene	ND	1.00	µg/L	6/22/99	
2-Chlorotoluene	ND	1.00	µg/L	6/22/99	
4-Chlorotoluene	ND	1.00	µg/L	6/22/99	
4-Isopropyltoluene	9.14	1.00	µg/L	6/22/99	
Benzene	ND	0.700	µg/L	6/22/99	
Bromobenzene	ND	1.00	µg/L	6/22/99	
Chlorobenzene	ND	1.00	µg/L	6/22/99	
Ethylbenzene	ND	1.00	µg/L	6/22/99	
Hexachlorobutadiene	ND	1.00	µg/L	6/22/99	
Isopropylbenzene	ND	1.00	µg/L	6/22/99	
M&P Xylene	ND	1.00	µg/L	6/22/99	
MTBE	ND	1.00	µg/L	6/22/99	
N-Butylbenzene	ND	1.00	µg/L	6/22/99	
N-Propylbenzene	ND	1.00	µg/L	6/22/99	
Naphthalene	ND	1.00	µg/L	6/22/99	
O Xylene	ND	1.00	µg/L	6/22/99	
Sec-Butylbenzene	1.14	1.00	µg/L	6/22/99	
Styrene	ND	1.00	µg/L	6/22/99	
tert-Butylbenzene	ND	1.00	µg/L	6/22/99	
Tetrachloroethene	ND	1.00	µg/L	6/22/99	
Toluene	ND	1.00	µg/L	6/22/99	
Trichloroethene	ND	1.00	µg/L	6/22/99	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL

PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:



Northeast Analytical, Inc.

Robert E. Wagner, Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

# NORTHEAST ANALYTICAL

## ENVIRONMENTAL LAB SERVICES

2190 Technology Drive, Schenectady, NY 12308

(518) 346-4592 • FAX: (518) 381-6055

### CERTIFICATE OF ANALYSIS

6/24/99

STEWART'S

PO BOX 435

SARATOGA SPRINGS, NY 12866

CONTACT: CHAD FOWLER

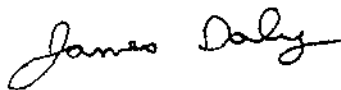
CUSTOMER ID: MW-2 NEA ID: AC03487  
MATRIX: WATER DATE SAMPLED: 6/15/99 TIME: 13:30  
DATE RECEIVED: 6/16/99 TIME: 14:30 PROJECT: N/A  
SAMPLED BY: T. ZABEL LOCATION: RUTLAND, SHOP #400  
CUSTOMER PO: N/A LAB ELAP #: 11078 DATE

PARAMETER PERFORMED	RESULTS	PQL	UNITS	COMPLETED	FLAGS
Methodology: EPA Method 502.2					
1,2,3-Trichlorobenzene	ND	200	µg/L	6/22/99	
1,2,4-Trichlorobenzene	ND	200	µg/L	6/22/99	
1,2,4-Trimethylbenzene	411	200	µg/L	6/22/99	
1,2-Dichlorobenzene	ND	200	µg/L	6/22/99	
1,3,5-Trimethylbenzene	ND	200	µg/L	6/22/99	
1,3-Dichlorobenzene	ND	200	µg/L	6/22/99	
1,4-Dichlorobenzene	ND	200	µg/L	6/22/99	
2-Chlorotoluene	ND	200	µg/L	6/22/99	
4-Chlorotoluene	ND	200	µg/L	6/22/99	
4-Isopropyltoluene	ND	200	µg/L	6/22/99	
Benzene	ND	140	µg/L	6/22/99	
Bromobenzene	ND	200	µg/L	6/22/99	
Chlorobenzene	ND	200	µg/L	6/22/99	
Ethylbenzene	256	200	µg/L	6/22/99	
Hexachlorobutadiene	ND	200	µg/L	6/22/99	
Isopropylbenzene	ND	200	µg/L	6/22/99	
M&P Xylene	1740	200	µg/L	6/22/99	
MTBE	1540	200	µg/L	6/22/99	
N-Butylbenzene	ND	200	µg/L	6/22/99	
N-Propylbenzene	ND	200	µg/L	6/22/99	
Naphthalene	ND	200	µg/L	6/22/99	
O Xylene	771	200	µg/L	6/22/99	
Sec-Butylbenzene	ND	200	µg/L	6/22/99	
Styrene	ND	200	µg/L	6/22/99	
tert-Butylbenzene	ND	200	µg/L	6/22/99	
Tetrachloroethene	ND	200	µg/L	6/22/99	
Toluene	804	200	µg/L	6/22/99	
Trichloroethene	ND	200	µg/L	6/22/99	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL

PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:



Northeast Analytical, Inc.

Robert E. Wagner, Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB



# NORTHEAST ANALYTICAL

## ENVIRONMENTAL LAB SERVICES

2190 Technology Drive, Schenectady, NY 12308

(518) 346-4592 • FAX: (518) 381-6055

### CERTIFICATE OF ANALYSIS

6/24/99

STEWART'S

PO BOX 435

SARATOGA SPRINGS, NY 12866

CONTACT: CHAD FOWLER

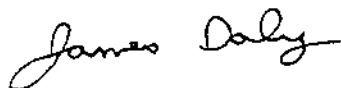
CUSTOMER ID: MW-3 NEA ID: AC03488  
MATRIX: WATER DATE SAMPLED: 6/15/99 TIME: 13:30  
DATE RECEIVED: 6/16/99 TIME: 14:30 PROJECT: N/A  
SAMPLED BY: T. ZABEL LOCATION: RUTLAND, SHOP #400  
CUSTOMER PO: N/A LAB ELAP #: 11078 DATE

PARAMETER PERFORMED	RESULTS	PQL	UNITS	COMPLETED	FLAGS
Methodology: EPA Method 502.2					
1,2,3-Trichlorobenzene	ND	20.0	µg/L	6/22/99	
1,2,4-Trichlorobenzene	ND	20.0	µg/L	6/22/99	
1,2,4-Trimethylbenzene	1170	20.0	µg/L	6/22/99	
1,2-Dichlorobenzene	ND	20.0	µg/L	6/22/99	
1,3,5-Trimethylbenzene	263	20.0	µg/L	6/22/99	
1,3-Dichlorobenzene	ND	20.0	µg/L	6/22/99	
1,4-Dichlorobenzene	ND	20.0	µg/L	6/22/99	
2-Chlorotoluene	ND	20.0	µg/L	6/22/99	
4-Chlorotoluene	ND	20.0	µg/L	6/22/99	
4-Isopropyltoluene	ND	20.0	µg/L	6/22/99	
Benzene	543	14.0	µg/L	6/22/99	
Bromobenzene	ND	20.0	µg/L	6/22/99	
Chlorobenzene	ND	20.0	µg/L	6/22/99	
Ethylbenzene	1030	20.0	µg/L	6/22/99	
Hexachlorobutadiene	ND	20.0	µg/L	6/22/99	
Isopropylbenzene	41.9	20.0	µg/L	6/22/99	
M&P Xylene	3790	200	µg/L	6/22/99	
MTBE	6750	200	µg/L	6/22/99	
N-Butylbenzene	80.4	20.0	µg/L	6/22/99	
N-Propylbenzene	116	20.0	µg/L	6/22/99	
Naphthalene	314	20.0	µg/L	6/22/99	
O Xylene	1240	20.0	µg/L	6/22/99	
Sec-Butylbenzene	ND	20.0	µg/L	6/22/99	
Styrene	ND	20.0	µg/L	6/22/99	
tert-Butylbenzene	ND	20.0	µg/L	6/22/99	
Tetrachloroethene	ND	20.0	µg/L	6/22/99	
Toluene	600	20.0	µg/L	6/22/99	
Trichloroethene	ND	20.0	µg/L	6/22/99	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL

PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:



Northeast Analytical, Inc.

Robert E. Wagner, Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

# NORTHEAST ANALYTICAL

## ENVIRONMENTAL LAB SERVICES

2190 Technology Drive, Schenectady, NY 12308

(518) 346-4592 • FAX: (518) 381-6055

### CERTIFICATE OF ANALYSIS

6/24/99

STEWART'S

PO BOX 435

SARATOGA SPRINGS, NY 12866

CONTACT: CHAD FOWLER

CUSTOMER ID: MW-4

NEA ID: AC03489

MATRIX: WATER

DATE SAMPLED: 6/15/99 TIME: 13:30

DATE RECEIVED: 6/16/99 TIME: 14:30

PROJECT: N/A

SAMPLED BY: T. ZABEL

LOCATION: RUTLAND, SHOP #400

CUSTOMER PO: N/A

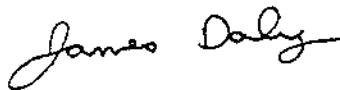
LAB ELAP #: 11078 DATE

PARAMETER PERFORMED	RESULTS	PQL	UNITS	COMPLETED	FLAGS
<b>Methodology: EPA Method 502.2</b>					
1,2,3-Trichlorobenzene	ND	1.00	µg/L	6/23/99	
1,2,4-Trichlorobenzene	ND	1.00	µg/L	6/23/99	
1,2,4-Trimethylbenzene	178	20.0	µg/L	6/23/99	
1,2-Dichlorobenzene	ND	1.00	µg/L	6/23/99	
1,3,5-Trimethylbenzene	39.2	1.00	µg/L	6/23/99	
1,3-Dichlorobenzene	ND	1.00	µg/L	6/23/99	
1,4-Dichlorobenzene	ND	1.00	µg/L	6/23/99	
2-Chlorotoluene	ND	1.00	µg/L	6/23/99	
4-Chlorotoluene	ND	1.00	µg/L	6/23/99	
4-Isopropyltoluene	2.08	1.00	µg/L	6/23/99	
Benzene	75.1	0.700	µg/L	6/23/99	
Bromobenzene	ND	1.00	µg/L	6/23/99	
Chlorobenzene	ND	1.00	µg/L	6/23/99	
Ethylbenzene	76.1	20.0	µg/L	6/23/99	
Hexachlorobutadiene	ND	1.00	µg/L	6/23/99	
Isopropylbenzene	8.83	1.00	µg/L	6/23/99	
M&P Xylene	248	20.0	µg/L	6/23/99	
MTBE	408	20.0	µg/L	6/23/99	
N-Butylbenzene	12.1	1.00	µg/L	6/23/99	
N-Propylbenzene	23.9	1.00	µg/L	6/23/99	
Naphthalene	36.2	1.00	µg/L	6/23/99	
O Xylene	79.2	1.00	µg/L	6/23/99	
Sec-Butylbenzene	4.58	1.00	µg/L	6/23/99	
Styrene	ND	1.00	µg/L	6/23/99	
tert-Butylbenzene	ND	1.00	µg/L	6/23/99	
Tetrachloroethene	ND	1.00	µg/L	6/23/99	
Toluene	92.7	20.0	µg/L	6/23/99	
Trichloroethene	ND	1.00	µg/L	6/23/99	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL

PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:



Northeast Analytical, Inc.

Robert E. Wagner, Laboratory Director

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**PINK COPY TO SAMPLER**